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JUL 16 2004

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**To:**

Mail Stop Amendment  
Commissioner for Patents  
Facsimile: (703) 872-9306

**From:**

Robert Yoshida, Reg. No. 54,941  
Aventis Pasteur Inc.

This facsimile is 13 pages, including this cover page

July 16, 2004

**Re:** Appl. No.: U.S. Appl. No. 10/043,344  
Filed: January 14, 2002  
Inventors: Loosmore et al.  
Art Unit: 1645  
Examiner: Ja-Na Hines  
Docket: 1038-1221 MIS:jb

**Attached are:**

1. Transmittal Form (1 page)
2. Fee Transmittal Form (1 page)
3. Petition for Extension of Time Under 37 CFR 1.136(a) and copy thereof (2 pages)
4. Amendment/Reply (7 pages)
5. Certificate of Transmission (1 page)

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PTO/SB/21 (04-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/043,344	
	Filing Date	January 14, 2002	
	First Named Inventor	Sheena M Loosmore	
	Art Unit	1645	
	Examiner Name	Ja-Na Hines	
Total Number of Pages in This Submission	12	Attorney Docket Number	1038-1221

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Fee Transmittal form (1 page) and Certificate of Transmission (1 page)
Remarks The total number of pages of this submission includes this Transmittal form.		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Robert Yoshida; Aventis Pasteur Inc.
Signature	<i>Robert Yoshida</i>
Date	July 16, 2004

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Appl. No.: 10/043,344  
Applicant: Loosmore et al.  
Filed: January 14, 2002  
Title: Transferrin Receptor Genes  
TC/A.U.: 1645  
Examiner: Hines, Ja-Na  
Confirmation No.: 7370  
Docket No.: 1038-1221 MIS:jb

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Facsimile: (703) 872-9306

AMENDMENT

Sir:

Attached herewith are: 1) Transmittal Form, 2) Fee Transmittal Form, 3) Petition for Extension of Time under 37 CFR 1.136(a) and 4) Certificate of Transmission.

In response to the Office Action of January 21, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.